



STATE OF TENNESSEE  
**DEPARTMENT OF ENVIRONMENT AND CONSERVATION**  
**DIVISION OF WATER RESOURCES**

William R. Snodgrass - Tennessee Tower  
312 Rosa L. Parks Avenue, 11<sup>th</sup> Floor  
Nashville, Tennessee 37243-1102

July 8, 2016

The Honorable Joe Williams  
Mayor  
City of Bells  
P.O. Box 760  
Bells, TN 38006

**CERTIFIED MAIL**  
**RETURN RECEIPT REQUESTED**  
**RECEIPT # 7196 9008 9111 3808 3493**

Re: Pass Through Limits  
Bells Pretreatment Program  
NPDES Permit No. TN0026247  
Crockett County

Dear Mayor Williams:

Attached, please find a copy of the revised Pass-through Limits (PTLs) for the Bells wastewater treatment lagoon. These limits were calculated based on current stream background and flow information, and incorporate the Water Quality Criteria approved in December 2013. The enclosed limits will supersede any limits previously issued, and will take effect when the NPDES permit becomes effective.

Bells should use these limits in a technical evaluation of its protection criteria and local limits according to Section 3.2 of the new NPDES permit. Furthermore, section 3.2 has a requirement for completion of the Industrial Waste Survey. If you have any questions or concerns, please contact Laurel Rognstad at [Laurel.Rognstad@tn.gov](mailto:Laurel.Rognstad@tn.gov) or (615) 532-8786.

Sincerely,

Yatasha Moore  
State Pretreatment Coordinator  
Compliance and Enforcement Unit

cc: Mr. James Scott – Division of Water Resources, Jackson EFO  
Mr. Marlon Jordan, Jr., Superintendent – City of Bells

## PASS THROUGH LIMITATIONS

Bells Lagoon	5/13/2016	Crockett County
*Design Flow: 5.03 MGD	TN0026247	7Q10: 90 MGD

Parameter	Concentration (µg/l)
Copper	80.00
Chromium, III	Report only
Chromium, VI	88.70
Nickel	180.00
Cadmium	1.64
Lead	25.49
Mercury	0.40
Silver, <b>Daily Maximum</b>	1.47
Zinc	200.00
Cyanide <sup>1</sup>	25.86
Toluene <sup>1</sup>	15.00
Benzene <sup>1</sup>	3.00
1,1,1 Trichloroethane <sup>1</sup>	30.00
Ethylbenzene <sup>1</sup>	4.00
Carbon Tetrachloride <sup>1</sup>	15.00
Chloroform <sup>1</sup>	85.00
Tetrachloroethylene <sup>1</sup>	25.00
Trichloroethylene <sup>1</sup>	10.00
1,2 trans Dichloroethylene <sup>1</sup>	1.50
Methylene Chloride <sup>1</sup>	50.00
Phenols, Total <sup>1</sup>	50.00
Naphthalene	1.00
Phthalates, Total <sup>2</sup>	64.50

<sup>1</sup> Grab sample type required. All other parameters are 24-hour composite sample type. References include T.C.A. 1200-4-14-.12(7)(c), 40 CFR 136, EPA Form 3510-2C (8/90 version) and TDEC Lab Sheet (volatile organics).

<sup>2</sup> Total Phthalates is the sum of Bis (2-ethylhexyl) phthalate, Butyl benzylphthalate, Di-n-butylphthalate and Diethyl phthalate.

Note: These limits are monthly averages, except silver which is a Daily Maximum limit.

\*Design Flow includes Bells STP (2.75 MGD) and Brownsville Lagoon (2.28 MGD).